

ABSTRACT OF THE DISCLOSURE

A wafer boat for supporting silicon wafers. The wafer boat includes a ceramic body having at least one wafer support structure sized to support a silicon wafer thereon. A ceramic coating is disposed on a surface of the wafer slot. The ceramic coating has an impurity migration preventing thickness and a wafer contact surface. The wafer contact surface has a post coating surface finish, which substantially prevents slip in the silicon wafers.

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